Zhenhua Pan

List of Publications by Year
in descending order

12	197	1163117 8	1281871 11
papers	citations	h-index	g-index

12	12	12	114
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wavelet pattern and self-sustained mechanism of gaseous detonation rotating in a coaxial cylinder. Combustion and Flame, 2011, 158, 2220-2228.	5.2	48
2	Fabrication of a helical detonation channel: Effect of initial pressure on the detonation propagation modes of ethylene/oxygen mixtures. Combustion and Flame, 2018, 192, 1-9.	5.2	30
3	Jet formation of SF6 bubble induced by incident and reflected shock waves. Physics of Fluids, 2017, 29, .	4.0	25
4	Numerical investigation of planar shock wave impinging on spherical gas bubble with different densities. Physics of Fluids, 2019, 31, .	4.0	24
5	The propagation characteristics of curved detonation wave: Experiments in helical channels. Proceedings of the Combustion Institute, 2019, 37, 3585-3592.	3.9	19
6	Numerical investigation of shock-SF6 bubble interaction with different mach numbers. Computers and Fluids, 2018, 177, 78-86.	2.5	16
7	Stable detonation characteristics of premixed C2H4/O2 gas in narrow gaps. Experiments in Fluids, 2017, 58, 1.	2.4	12
8	Experimental and numerical investigation on flame propagation and transition to detonation in curved channel. Aerospace Science and Technology, 2021, 118, 107036.	4.8	11
9	Flame evolution in shock-accelerated flow under different reactive gas mixture gradients. Physical Review E, 2019, 100, 013111.	2.1	5
10	Numerical investigation on the rotating detonation critical mode for a methaneâ€“air mixture in an annular tube using reactive Navierâ€“Stokes equations. Journal of Thermal Analysis and Calorimetry, 2021, 144, 2285.	3.6	4
11	On the interaction between a diffraction shock wave and a cylindrical sulfur hexafluoride bubble. AIP Advances, 2021, 11, .	1.3	3
12	Flow Topology of Three-Dimensional Spherical Flame in Shock Accelerated Flows. Advances in Materials Science and Engineering, 2016, 2016, 1-12.	1.8	0